

FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.  
APV31833

SERIAL NO.  
10/516,889

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
Paul Alexander DE VRIES et al.

FILING DATE  
December 3, 2004

GROUP 1742

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>TM</i>	1 5 6 2 0 9 0	11/25	Hoopes			
	1 9 3 8 1 0 1	12/33	Hall			
	3 2 1 1 5 4 7	10/65	Jarrette et al.			
	3 2 9 6 8 1 1	01/67	Stoller			
	3 3 0 3 0 1 9	02/67	Jacobs			
	3 3 0 8 6 6 6	03/67	Anderson et al.			
	3 8 4 0 3 6 4	10/74	Flemings et al.			
	4 0 4 3 8 0 2	08/77	Esdaile et al.			
	4 2 7 3 6 2 7	06/81	Dawless et al.			
	4 3 0 5 7 6 3	12/81	Quist et al.			
	4 4 1 1 7 4 7	10/83	Dawless et al.			
	4 4 5 6 4 8 0	06/84	Wintenberger			
	4 7 3 6 3 1 4	04/88	Riese et al.			
	5 2 2 1 3 7 7	06/93	Hunt, Jr. et al.			
	5 3 1 2 4 9 8	05/94	Anderson			
	5 7 4 1 3 4 8	04/98	Van Der Donk et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
					YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[Signature]</i>		DATE CONSIDERED <i>1/29/08</i>
EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.  
APV31833

SERIAL NO.  
10/516,889

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
Paul Alexander DE VRIES et al.

FILING DATE  
December 3, 2004

GROUP  
1742

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
PM	3 6 7 1 2 2 9	06/72	Ferber et al.			
	4 0 5 0 6 8 3	09/77	Langhammer			
	4 1 3 3 5 1 7	01/79	Esdaile et al.			
	4 2 2 2 8 3 0	09/80	Dawless et al.			
	5 9 6 8 2 2 3	10/99	Eckert			
	6 2 2 4 6 4 8	05/01	Verdoes et al.			
	6 2 9 0 9 0 0	09/01	Hatano et al.			
	6 3 5 5 0 8 5	03/02	Pillin et al.			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

1/29/08

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.  
APV31833

SERIAL NO.  
10/516,889

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
Paul Alexander DE VRIES et al.

FILING DATE  
December 3, 2004

GROUP  
1742


U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
TM			2	5	8	2	8	3	07/88	DD			Abstract Only	
/		4	3	2	5	7	9	3	02/95	DE				Mach. Trans & Abstract
/		0	0	9	9	9	4	8	02/84	EP				
/		0	7	4	5	6	9	3	12/96	EP				
/		1	2	8	8	3	1	9	03/03	EP				
/		1	3	8	0	6	5	9	01/04	EP				
		<del>1</del>	<del>5</del>	<del>9</del>	<del>4</del>	<del>1</del>	<del>5</del>	<del>4</del>	<del>06/70</del>	<del>FR</del>				X
TM		1	3	5	2	5	6	7	05/74	GB				
/		2	1	5	4	3	1	5	09/85	GB				
/		7	0	7	0	6	6	6	03/95	JP			X	
/	5	2	1	3	5	7	9	7	11/77	JP			Abstract Only	
	<del>5</del>	<del>5</del>	<del>0</del>	<del>5</del>	<del>0</del>	<del>4</del>	<del>4</del>	<del>2</del>	<del>04/80</del>	<del>JP</del>			<del>Abstract Only</del>	
TM	5	7	1	5	2	4	3	5	09/82	JP			Abstract Only	
/	6	0	2	3	4	9	3	0	11/85	JP			Abstract Only	
/		1	5	8	9	1	7	3	08/90	SU			Abstract Only	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER: 	DATE CONSIDERED 1/29/08
---	-------------------------

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. (Form PTO-1449 [6-4])

<b>FORM PTO-1449 U.S. Department of Commerce</b> (Rev. 4/92) Patent and Trademark Office  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> APV31833	<b>SERIAL NO.</b> 10/516,889
	<b>APPLICANT</b> Paul Alexander DE VRIES et al.	
	<b>FILING DATE</b> December 3, 2004	<b>GROUP</b> 1742

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
DM	0 5 8 7 2 7 4	03/94	EP				
/	0 8 2 9 5 5 2	03/98	EP				
/	2005 0 9 5 6 5 8	10/05	WO				
/	0 2 0 5 2 0 5 3	07/02	WO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DM	US Published Appln. No. 2001/0031823 A1, (09/728,706), Atchetee et al., Filed December 1, 2000, Published October 18, 2001.
/	US Published Appln. No. 2004/0261572 A1, (10/488,042), De Vries, Filed August 30, 2002, Published December 30, 2004.
/	Fourth International Symposium on Recycling of Metals and Engineering Materials TMS (The Minerals, Metals and Materials Society) 200. p. 979-991, Refining of a 5XXX Series Aluminium Alloy Scrap B ALCOA Fractional Recrystallization Process, by Ali Unal.
/	Perry's Chemical Engineers' Handbook, 7 <sup>th</sup> ed., McGraw-Hill, 1997, p. 18-5 to 18-13.

EXAMINER	DATE CONSIDERED 1/24/08
----------	-------------------------

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

ATTY. DOCKET NO.  
APV31833

APPLICATION NO.  
10/516,889

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT  
Paul Alexander DE VRIES

FILING DATE  
December 3, 2004

GROUP  
1742

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>M</i>	Unpublished Patent Appln. No. 10/598,731, De Vries, Filed September 8, 2006.
<i> </i>	US Published Patent Appln. No. 2005/0178239 A1, (Appln. No. 10/516,888), De Vries et al., Filed June 27, 2003, Published August 18, 2005.
<i> </i>	US Published Patent Appln. No. 2005/0039578 A1, (Appln. No. 10/491,278), De Vries, Filed October 2, 2002, Published February 24, 2005.
<i> </i>	US Published Patent Appln. No. 2007/0272057 A1, (Appln. No. 10/577,354), De Vries et al., Filed November 10, 2004, Published November 29, 2007.
<i> </i>	US Published Patent Appln. No. 2007/0023110 A1, (Appln. No. 11/492, 226), De Vries et al., Filed July 25, 2006, Published February 1, 2007.

EXAMINER

DATE CONSIDERED

1/29/08

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use several sheets if necessary)	ATTY. DOCKET NO. APV31833	APPLICATION NO. 10/516,839
	APPLICANT Paul Alexander DE VRIES	
	FILING DATE December 3, 2004	GROUP 1742

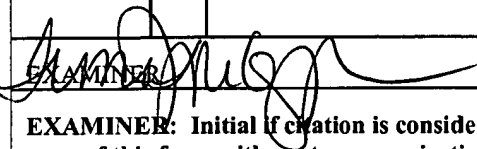
**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
TM	5	5	0	5	0	4	4	2	04/80	JP			X	
TM	6	0	2	3	4	9	3	0	11/85	JP			X	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

EXAMINER: 	DATE CONSIDERED 1/24/08
EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	